

Appendix 7:

**Alliant Energy-WPL Tariff, PARALLEL GENERATION
(20Kw or Less) *ELECTRIC***



PARALLEL GENERATION - (20 kW OR LESS)

ELECTRIC

1. Effective In

All territory served by the company.

2. Availability

Available for all single-phase and 3-phase customers where a part or all of the electrical requirements of the customer are supplied by the customer's generation facilities which have a nameplate rate of 20 kW or less. Each prime mover shall provide power to only one generator. If the customer has more than one generator, the generators' ratings shall be summed and their output limited to 20 kW. For customers connected after October 1, 1987, kW shall be defined as horsepower times 0.746. Such facilities shall be connected in parallel with company facilities and shall be approved by the company.

3. Ratea. Customer Charge:

Customer charge applicable to the rate schedule under which the customer purchases energy. The customer charge is due monthly whether or not the customer is a net seller of energy to the company in that billing month.

b. Energy Charge:1) Renewable Resources

For customers generating power using renewable resource generators which exclusively utilize wind, solar photovoltaic, hydroelectric, wood or wood waste or refuse derived fuel, the customer shall be billed on a net energy basis. The energy charge shall be the charge specified in the rate schedule under which the customer purchases energy.

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2) Non-Renewable Resources

For customers generating power by all other means than that specified in 1) above, and who, executed, or will in the future execute, contracts in accordance with paragraph 7 of this rate schedule, the customer shall pay the energy charge for energy consumed as specified in the rate schedule under which the customer is served. For energy produced and sold to the company, the company shall pay its standard avoided cost energy charge as set forth in its then applicable PgS-1 rate schedule.

For customers metered with standard (non time-of-day) equipment the company shall pay the average of the on and off-peak avoided cost charge assuming that 41 percent of generation occurs on peak and 59 percent off-peak, which average charges are set forth below:

<u>Voltage Level</u>	<u>Per kWh On-Peak</u>	<u>Per kWh Off-Peak</u>	<u>Average Per kWh</u>
Transmission	\$0.0362	\$0.0158	\$0.0242
Distribution	\$0.0371	\$0.0161	\$0.0247
Secondary	\$0.0387	\$0.0167	\$0.0257

- 3) Special provision applicable to paragraphs 3.b.1)-2) above. If in any month, the customer's bill has a credit balance of \$25 or less the amount shall be credited to a subsequent bill until a debit balance is reestablished. The energy purchased by the company for customers generating power in excess of 20 kW shall be limited to 20 kW times the number of hours in the billing month.

4. Metering and Service Facilities

A customer who is served under a regular rate schedule shall have any ratchet and/or other device removed from the meter to allow reverse power flow and measurement of net energy used. A customer who is served under a time-of-day rate schedule shall have a second time-of-day meter installed by the company to measure the reverse power flow. The cost of the meter shall be borne by the customer. The company must be reimbursed by the customer for such cost over a period not to exceed 2 years. The cost of the second meter includes all financing costs incurred by the company.



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The customer shall furnish, install, and wire the necessary service entrance equipment, meter sockets, meter enclosure cabinets, or instrument transformer cabinets that may be required by the company to properly meter on and off-peak usage.

5. Safety, System Protection, and Power Quality Rules of Interconnection

The parallel generation facilities shall be installed and operated in accordance with the rules specified in Schedule PgS-4.

6. Operation

The company retains the right to require the customer to limit production of energy to an amount not greater than the customer's load at certain times as electrical operating conditions warrant.

7. Contract

The company and the customer shall enter into a contract specifying technical and operating aspects of parallel generation.

8. Liability of the Parties

Each of the parties shall indemnify and save harmless the other party against any and all damages to persons or property occasioned, without the negligence of such other party, by the maintenance and operation by such parties of their respective lines and other electrical equipment. The customer shall be required to maintain \$100,000 of liability insurance or demonstrate financial responsibility satisfactory to the company.

Appendix 8:

Alliant Energy Technical Guidelines for Interconnection of Parallel-Operated Generation Connected to the Distributed System